

AMENDMENTS

In the Claims:

Please amend the claims as follows:

Claim 1. (currently amended)

A remote Venturi valve, comprising:

said remote Venturi valve fluidly connected to a water line and at least one ~~flavor~~ essence line, where the motive force of the water in the water line draws at least one essence into the Venturi valve to combine with the water,

said remote Venturi valve capable of receiving between about 10% to about 50% of the water ~~from~~ in said water line through an entry port, and

said remote Venturi valve capable of emitting said combined water and essence from an exit port into a final beverage container; wherein said remote Venturi valve is capable of interfacing with an existing valve base, and

wherein the existing valve base receives between about 50% and 90% of the water in said water line and combines syrup from a syrup line such that the existing valve base delivers combined water and syrup into the final beverage container.

Claim 2. (original)

The remote Venturi valve according to claim 1 further comprising a needle control valve fluidly connected to the essence line, where needle control valve controls flow of essence.

Claim 3. (original)

The remote Venturi valve according to claim 2 wherein said remote Venturi valve is further capable of interfacing with an existing valve base within an existing liquid dispensing structure.

Claim 4. (original)

The remote Venturi valve according to claim 1 further comprising a non-return valve for

preventing back flow of the essence line.

Claim 5. (currently amended)

The remote Venturi valve according to claim 1, further comprising an essence inlet port, a converging nozzle, a first chamber, a second chamber, and a diffuser, the first chamber being fluidly connectable to the converging nozzle, the second chamber and the diffuser, and the inlet port being fluidly connectable to the second chamber and the essence line, where the ~~water flow~~ first chamber carries the water directed from the water line into the converging nozzle and where the water flows through the converging nozzle into the ~~first~~ second chamber and through the diffuser creating a low pressure area in the second chamber drawing essence through the inlet port into the second chamber.

Claim 6. (original)

The remote Venturi valve according to claim 5, further comprising a plurality of bores extending from the essence inlet port to the second chamber, where the plurality of bores carry essence into the second chamber.

Claim 7. (original)

The remote Venturi valve according to claim 6 where each one the plurality of bores has a diameter of about 0.8 millimeters.

Claim 8. (original)

The remote Venturi valve according to claim 7 where there are eight bores arranged parallel and in a concentric pattern relative to the first chamber.

Claim 9. (original)

The remote Venturi valve according to claim 8 where the water and the essence mix in the diffuser.

Claim 10. (original)

The remote Venturi valve according to claim 9 where the diffuser is located substantially near the dispensing nozzle.

Claim 11. (original)

The remote Venturi valve according to claim 10 where the first chamber and the second chamber are cylindrical and concentric.

Claim 12. (original)

The remote Venturi valve according to claim 11 where the water line contains carbonated water.

Claim 13. (original)

The remote Venturi valve according to claim 11 where the essence contains an anti-foaming agent.

Claim 14. (currently amended)

The remote Venturi valve according to claim 3 15 where the means for selectively opening and closing the essence line is a solenoid.

Claim 15. (currently amended)

The remote Venturi valve according to claim 2 1 further comprising a means for selectively opening and closing the essence line.

Claim 16. (currently amended)

A remote Venturi valve, comprising:
an essence inlet port connected to an essence line,
a water entry port connected to a water line and a converging nozzle,
a first chamber, a second chamber, and a diffuser, the first chamber being fluidly connectable to the converging nozzle, the second chamber and the diffuser, and the essence inlet port being fluidly connectable to the second chamber, where the ~~water-flow~~ first chamber carries

water directed from a the water line into the converging nozzle and where the water flows through the converging nozzle into the ~~first~~ second chamber and through the diffuser creating a low pressure area in the second chamber drawing essence through the inlet port into the second chamber;

said remote Venturi valve capable of receiving between about 10% to about 50% of the water ~~from in~~ said water line through the water port, and

said remote Venturi valve capable of emitting said combined water and essence from an exit port into a final beverage container; wherein said remote Venturi valve is capable of interfacing with an existing valve base, and

wherein the existing valve base receives between about 50% and 90% of the water in said water line and combines syrup from a syrup line such that the existing valve base delivers combined water and syrup into the final beverage container.

Claim 17. (New) A remote Venturi valve, comprising:

said remote Venturi valve fluidly connected to a water line and at least one essence line, where the motive force of water in the water line draws at least one essence into the Venturi valve to combine with the water, said remote Venturi valve further including an essence inlet port, a converging nozzle, a first chamber, a second chamber, and a diffuser, the first chamber being fluidly connectable to the converging nozzle, the second chamber and the diffuser, and the essence inlet port being fluidly connectable to the second chamber and the essence line, where the first chamber carries the water directed from the water line into the converging nozzle and where the water flows through the converging nozzle into the second chamber and through the diffuser creating a low pressure area in the second chamber drawing essence through the essence inlet port into the second chamber,

said remote Venturi valve capable of receiving between about 10% to about 50% of the water in said water line through an entry port, and

said remote Venturi valve capable of emitting said combined water and essence from an exit port into a final beverage container; wherein said remote Venturi valve is capable of interfacing with an existing valve base, and

wherein the remote Venturi valve further comprising a plurality of bores extending from

the essence inlet port to the second chamber, where the plurality of bores carry essence into the second chamber.

Claim 18. (New)

The remote Venturi valve according to claim 17 where each one the plurality of bores has a diameter of about 0.8 millimeters.

Claim 19. (New)

The remote Venturi valve according to claim 18 where there are eight bores arranged parallel and in a concentric pattern relative to the first chamber.

Claim 20. (New)

The remote Venturi valve according to claim 19 where the water and the essence mix in the diffuser.

Claim 21. (New)

The remote Venturi valve according to claim 20 where the diffuser is located substantially near the dispensing nozzle.

Claim 22. (New)

The remote Venturi valve according to claim 21 where the first chamber and the second chamber are cylindrical and concentric.

Claim 23. (New)

The remote Venturi valve according to claim 22 where the water line contains carbonated water.

Claim 24. (New)

The remote Venturi valve according to claim 22 where the essence contains an anti-foaming agent.